

Vocabulary Notes

INDEPENDENT VARIABLE	DEPENDENT VARIABLE
I.V.	D.V.
CAUSE	EFFECT
Variable that is PURPOSELY CHANGED	MEASUREMENT Variable
Does this variable MAKE A DIFFERENCE?	HOW MUCH of a DIFFERENCE does this variable make
3 LEVELS of this variable	RESPONDING variable

INDEPENDENT VARIABLE – this is the variable that is purposely changed in an experiment. You change this variable to see if it makes a difference. A well designed experiment will have only one independent variable.

DEPENDENT VARIABLE – this is what will be observed and measured in the experiment. This is called your measurement variable that tells/measures the difference the independent variable makes. This responding variable responds to the change you made in the independent variable.

CONSTANTS VARIABLES – these are the variables that remain constant throughout the entire experiment in order for a fair test to occur.